Electrolyte Analyzer LX100ELA

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Description

Electrolyte analyzer LX100ELA is a multifunction, advanced and benchtop unit that provides accurate measurement, fast, convenient and easy operation. The unit is based on advanced Ion-Selective Electrode (ISE) technology that can directly measure the concentration of the following ions (like K+, Na+ and Cl-.) in serum, plasma, whole blood, cerebrospinal fluid and dilute urine. Designed with sample volume 60-150ul, digital display, 30 sample positions and thermal printer. Storage capacity up to 50,000 test data.

Specifications

Test Items	K, Na, Cl
Sample	Serum, Plasma, Whole blood, Cerebrospinal fluid and dilute urine
Measuring Speed	≤25s
Analysis Method	Ion selective electrode (ISE)
Sample Volume	60-150ul
Sample Position	30 sample Positions
Injection position	Manually injection
Storage	Up to 50,000 test results
Printer	Built-in thermal printer
Interface	RS232 port for LIS
Display	7-inch, LCD touch screen
Temperature	+10°C~+40°C
Relative Humidity	≤ 80 %
Atmospheric Pressure	(86~106) kPa
Power Supply	70VA AC100~240V, 50/60Hz
Dimension	405 x 214 x 471 mm
Net weight	12 kg
Package size (W x D x H)	500 x 390 x 530 mm

Gross weight	16 kg

Features

- Built-in thermal printer and RS232 port
- 7-inch LCD display for comprehensive content display
- Supports power-off protection to protect data storage
- Wave flushing and direct pipeline flushing can avoid blockage and cross-contamination
- Designed with waste liquid automatic detection, alarming, automatic calibration and two-point correction
- User can choose between automatic and manual calibration with automatic sample detection
- It has automatic electric potential tracking and correcting software

Applications

- Electrolyte analyzers are used in hospital and reference laboratories to measure levels of K+ / Na+ / Cl- / Ca2+ / pH / CO2, etc. in the human body.

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